U. S. Department of Agriculture,

STATES RELATIONS SERVICE.

FORM M-S.

FIELD DIARY

AND

TRAVEL RECORD.

Mr. Virnon Early

North Lakota Montawa, Idaho v Crys

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8-3681

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Every officer or other employee of the Department of Agriculture conducting work while traveling will, so far as practicable, keep a diary in which will be recorded, under an appropriate date entry, a concise statement of all important matters pertaining to such work and also of any general matters that may be of interest to the Department.

This diary will be retained by the official preparing same, but will be subject to call by the administrative officers of the Department

at any time.

When this book is filled another may be secured by application to the Chief of your Bureau.

Secretary of Agriculture.

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July 1, 1920. Left Washington 6:107 14 or Bernack North Dakola al other points for field work. July 2. assived Chiego 3 PM on Pa. Ry. ~ byt for Minespolis 6:20 PM ~ C.M. + St.P. July3, arrived Minedpolis IT am. Went to himsely Museum of idulified no bought tilm polage for Elk Bires 4:15 PM A acrived at 4 PM. Out & Medar Vale to Geo C Hills - 4 to my hother Sunday Charles of Henry Beily -

July 4. Over to Charley Brillips, Found flying aquient - Martin bouse. Ext Trops for Citalhes frontalini or C. 13 livotus,

Got notes a words or wights from Bernard

Bailey. Sunday

Lied & dig out grand rejumes but to sainty + cold they would not came out & could not find them.

Dreg out chippunds dins x

storebours o vests. got

much new information.

Godd heart put in a work to advantage exploring dons of grand squables, golphus, flying organishs, gray

Julyle - Left Elk Hive 10:20 and on local train + caught N.P. overland al St. Cloud. at 1:24 p.M. Has been very rainy 8 wit ad cold, but cleared off with vordeful clear air all hear green earth, Ditroit, Minnesda is a beautiful take region with large o small lates of swamps, dicideous & pine woods , as a mightent of Transition - Captadian your. an ideal place for for farm experients, espically for unskrot + bears. Wrot of Detroit for hours we pass swall lebes or streams + varstes

with abudance of cat-tuils, tulings, liky pads of rich musleret pood and strong for heaver. a good charter for per experients of places for Stesting his paring on a pretial Reached Bismond 11:30 PM.
Grand Purplic Hotel. July 7. Went to Capital x over prairie north July 8 Set & Traps for got a few. Microlus, Perompour & Surelongs Found a bull Ivalue to fat long with a large full grown, fort Citillus richaldsoni in its stonach Musured - skin ofit bole of got plets in which showing, Citallus (3 livetus, Microtus parahena, Persupeus, Ornjohomp, Japas, Perogradhus todds thes, grasstoppers, cridals, I mesons beetle. Verompers m. o goodi woo most numerous as also The nost numerous our trassJuly 70 year Will Took wo to timbered gutch (8 minds souls of town when the cold springs of good water gathe cold springs. good water galber into a fire little stream a gulch Janged with timber of oak pash, elm, loyelde, full berry, choke chany, block haw. and at The heads of The galeles There snowbanks lie cheft duras brush of Populus balan fera and doughthe stream of Vibunum openlus, Wood Thankins + white dishits also grow -The guloh, stowing touches of Cavadian gone plants + the cold guletus also way carry Cavadous gove normals

about a everal timburg quelous facing the Mo. R. of with a great vein seroes to The Square Buths, from Buth of the high country west of the nives would walk an park for Biswards on about Buffalo 9 elle & antilops of bus would thrive all the year aroud of given a chemy Jurinsh shitter and good winter protection. People go They for pienes I Service benies now, but more for the good water. July 10 2t vaps down in flots south of town. Friends of of our Nation Wildlife Society in evening. gave talk cell weeting

July 12 Carrett squissels and looked them up for keeping alive. Caught Esper + Wierotus + Puringseus. July 13 Gro. Will trole as 10 mi. north on Burnt Cruk when We found 12 Citalles Bishardsoni + Caught 3 alive. This for crops where who were were misself in the paison Can pagne Fond del brown dams of good ponds on Burnt Crede but no signs of beaver. Will days he found a clead are there - the oping, probably slot - wound when the rest well takens. Boxed + object 4 ficher tails of 2 flag back aguiruls.

Tuly 14 God Loo hair & Wilton Bisnarch to Baldwin 12 flidastints on with sich of Theira. Florence row 4 on case side but is not used to the Baldwin to Wilton - 19 plieberteils sen anost side of Kall - Floren row 6 + 4 doubtful a the side. Wilton to Still on M.P. 5 fliesestails on south ridy 2 on with sidy (Florere). I Jude robbit Still to Regar 3 flidestail a south side of track 2 or north side (Floring.

Rigan to Wing 4 Hickertails on each 1 Lepus compreties side of Ry. Ving to Orena 3 flighertails on south sidsophy: 2 m with Lots of lokes of sloughs meas arena and water brids and young durks abundant. Wieva w guscou y muso. Le flichertails seur clougrood Laid to be searce river primes 1 Citillus 13 hiestus W Dredl, flikutail. on worth sich (Harver). String & Mc Kenzie
3 plidaxails on south oile ME Kuzie + Burlie D Bismark'
The flickestails seen to char warm day after cold rainy
wiather + especially fororable for flicketals

July 15- Bismaren Begginge can o we took voil of day to un padeing on getting Stuli to su game Canssory Acorge M. Hoque about prints to banding birds. Indle 7:40 AM. trains for Stule. On flistatail just place Duscoll and one just after on north six frond General / flishestail Genera to Stiel 4 flichestails Stul & Genera on return, 2 flickestails Driscoll to Starling 3 flowwish a worth side.

Two flooles of Pelicans, 4 and 7, seen Ciroling at PM on still warm day mas Station. At first Thywen not very high but love flock above the athy They which I excled i A formations, changing to one line of squares but always coming body to the rigular form or For about a boy hour they circled without a way flood until the lower caught by Together the 13 continued white closed when they looked liles wasquitos, black against the cloud and white against the blue sking I finally I last them in tublur. How did they do it!

The sup I destrock 1912000 for Wandon + left Mardow & P.M. 11:30 P.M. on slow mills hairy. Vuly 18. Mt How. a.a. Liederbach Chairm of the Killdur Mountain Pack Commission of took us around of over the Killder They are 1 wills nw of tilder town of Oakbale P.O. way up the woutains. Mike Koskusky our - Darlah but doesn't vont a park. He is a crifty littled of I rischmant and sky about giving nformation at the Diaword C. Revelon - Spring Creek we wit Ull.

W. L. Kiebouds - owner of the ceinch and member of the Killdes Park Com. He owns about 400 acres of Land and tuck of fine blooded atook but has a lot of money o lives at Dickmens. Bus amisons for the Park at well will he can. Met Mr. Olesan an west sed of wounterns where hafel his of done have parses along the base of the range. With lats of beaut ports in this I the bover but a few are left to Restock the obiand Did not met my. Musphy who lives just north mest of Caldale but he has the but encotion for a headquestiss for the park and would sell for 10 dollars in over fort 5000 pland and fing lovery of reason of your west out of the fairly of world & work to town do an old times o knows the Country from away book. At Daledale the Weather Buseau used & lave a station and they way know the altitude of the station and the normations. He plicial action near the puts. They are a ridge of bougestal livestones strota, cut wito by works and waves. How shier stuf cliffs in plans mall aides, some cover of cavers, stuff days - I duf tribud golders, flat They suntike a Ivlath the bushand billes to the south and west, are probably near 1 outfut about Killder of 500 put

obove Oakdale, The Mudicine hal on top is a crack or fissure on the nesser ridge down which I would keep other a non has him down ma who 80 pat as as India about & four hier down wo put to water. Bots are said & how beene am in it . Or column of otrans comes cut - add weather Mrx is an India ander dignol - a tollow spek wondnear it. Good contry for wanten shup. Dutelope, der, elle buffors. All they med is problem. Job Starton Glocies boulders come byon rucking Dunn Curter and there along Ry. Prairie dogs - a tow of 160 seres Killer a other obout a wile of two east of Dum Centy of obort 400as a fin sem jesterday boly way belower Killdes o Ookdale, and a fin a the & W. side of the Killdeens. Reached Stanton 10:10 aus. I staid of Stanton Hotel, H.C. Loy, propritor. got our huals at Bonner's of luches at M. L. Casoady.

Kun ained at Stanton to July 24, but failed to get Origohangs or Perognathus. Even Perayras on rease. Citallus 13 trinotes are abundant, boy graves a bing an grasstoppers! Caught would alive & doved 2 for pols Ovans of mouse branes of intreboles on sion bottoms. Who of surice berries, dolerchines bulltirries, those apples, plums, mille words, grapes' Lots of robbits, some brown fish still Some dies. Eller autiliges + buffols + griggly brans all gove. Lities al gone to sussentia only and would + boles to valle the village setes.

Startar is an a winds flat at writh of Kriff river, a sandy flat with old sand downs all oratting over it. Targely Sororan zore as indicated by Prives bisseys full of fruit, Triplarocallyx micraetha, Phoraba angustifia, Italianthus amus, Nyctiquia Euphorbia "conspitaca", Echimera pinh ray, Gaillardia, Plantago patagonies, Granna grass, all in abundance. The sardy soil carries all of thee warm gone plants however and on the heavy high praise they are not found.

July 24 Mailar to Wavelow 10:10 am, + 3PM. for Sentine Butte where arrived at 9:30 PM. To Butte Hotel. Glacial boulders obundant west of Wardan to Sims and boy a huile beyond. No nove seen. Watoled carefully. Rachel Sutine Butte 11 PM. July 25, Southerd Betty, Enday, has ped availed for the object over neva tops - got note and Plant & animal life.

July 24 Saw Was Crawford, Set trops for gopbers, July 27, Went to gulch 13 vila N. E. J. Sontined to analy fields but found no Perodipes begans. July 28 Left Suture Butter of 3 P.M. July 28 Risched Rutte 8 am. Fond the dur I had toped all stageophs of bod with his to Corrallis by lite stage -July 24. lip valley to Dackey and I mais buyond up Without Aback no auto Revelorer to Solvon. Valy 30 to Missoula & Butts arrived Butte 10 P.M. x had to stay over to 7 all in woring for train to Baise. July 31 Left Butte of all for Pocatillo + Process. Movida, on amount 12M. Good auto wood fre- Missoula and 1 Butte to bellow and up over sumit + down into thato. Easy grades o good wood through Bighole too Dillon - the Park & Posh road. Brantiful country all the to love bids.

A suspessing number of hamition & Sorver plants over sunt, Warn winds from I dato must carry the Albanthus, Cleans, Eurotia a such plants over the top on var slopes, while Cavadian Zone opicies, aspens, shippulia consolusis or such plants year on gold olopes. There is a wide gap of eathy flat country at the saddle, but snowbaules not far west-cold olup olopes of high indges to the great. to the and. Beaver would find people stras all sloby Bitterest Valley in The Dillow valley ~ all of the western Montains - just wasses doing the cricks, when the fall is strop and dames would hold pounds of pregnent intervals. The analles branches or preferable as they could be sured and danned to better advantage, but in some of The large streams of worshord are good places for beaun cosonies under ceretros. On the lava beds of I dato the cruss non in dely little box carryons which are a world be great for beaux colorers.

Handreds of Thompands of have could be caused in wistisis Montains water control without interfering with any jarusuit neductry & The waste land and willow brush and or tuleys utilized with large profit at the sans time week wast water would be held roist store lines extended. fe wade to approximate the state with the achievings that it would improve waskel of divistating the country, that it would be divided among many woll randers, would be practically clear profit without much labor or thing or offens. Un state laws would have the wedified, wettook of levering, live hopping, and hwalling would took I so worked out of the hobels of the winds Julter proas.

Idaho; between Cawas od Hames are a lot of cat-tail alargher and marshes and abollow both seds of the RR. I suppose this is Market Lobes! a some It is full I young & old ducker of most be a wonderful buding your of for waterford, but it is the priest mustest nagion I ever news. The cultails i talks would apput Thousands of musterats in addition to the birts & it ought to a stocked with the birt grade of black mobiate and managed when the feat nettodo. Group Lake - The Caribant With it water similar lake. Just with of Roberts are other extension cattail - tule werther + sloughs, wery bundereds of acus of them from inights unste, how wellers, but ideal for musterat versbes. There are vary law places holes, of rocky gullohes in the irrigated land of railless Idalo that would wale good mustrat famo I are worthhas for anything else. Ideto plains to Poeatello, where we arrived 4:30 pm o wich bod delayed on train. Went to Gellowstone Hotel which is very good.

aug. 1. Pocatello & Baiss a very but day over dry, seouched plains alternating with firtile Risched Baiss ofthe dark Went to The grand Hotel. aug. 2. has ped over hills worth of Bolse. set afer Traps - San Crarch, rodint killer. Jewitt. Met Goldwan & fipes & aug. 4. Trapping over hills ? worth of tom. per country

Way 4. Look etelise en & Caldwell and transfed our valley there, but for doing little wild land. Pluty of Thomonys toronsudi along Took 3:30 PM hair & Outario Origon where we had to stay over night po Train & Craws. ang. 7. Took 7 am Kain 8 PM, - 124 mls. got supper al took auto stage to Butus, where we arrived Nort 12 midnight. andut get mail till 5 PM. & got ro chides them. Jan &s. Hibfard & got some good inpuration for him. ang. Hind auto + dieve to The Narsows, then over to The Springers, 9 miles cost, but kould not stay so went on 2 wiles faither to The Biological Survey office of Laid with a boly wile nw of Voltage. The water birds. roduits our hills !

Aug. 12 made traps or a few oldings aug. 13 got Ford + drove to Malher cove, oboret 30 miles east at head of South Fel Walhur River where the pist water begins. The cove is a lava turned where the usedy a straw bos run out. It is a perfect arch, about of put wide of 25 fut high, varying considerably in places is writty flest + world and a good automobile wood has been wade half way a quarter of rule or come to water all the way across, so went no justiles.

the bottom is damp a west of there are is side chambus a cracks or dry shelves so they can pero fassits. near the worth the carth is several fut deep or there are lots of bones in it, some human some cattle & shop and a fus profes bones. They are vostly programments and going to prices.

There are many signs of bedien comps arend the writh of the case, lots of old flind - bidian chips - biden accorded. The water - the cave is char and ald and the air is about too gold for comport while articly Rearding bot. a for Coconorhyuns m. pallyeus the north of the cave rowers stot, but so abundance of bots an day and - places dipping will back - The cove. The only dry part is was the whave. river campor of probably drains who it as the water starts in the river was their and comes out of cracks in the lave banles. It is cold or pure and bus fish + crawfish + progs I cought I hu toods in the Cave just buch of the worth where cool or word. Our on the will and one on the grand.

Perompeus dies, but and avg. 15, Swear, Sust storms from SW + N.W. Much sain but did not erach the grand. Thinds + lighting Angle - Light post, Rug. 17 Hard hast, ire wasly bolf met Third -Cole Island, about 1018 miles east along south about of bake, Drove huch out to mel between Cole & Pilien Islands. Much open water sast and west of Peticans Island The water is 2003 put lower Than before the 3 past dry a road could easily be graded up to cross The lobe on Cole o Piliean Islands the had in the lake. Thousands of ducks, coots, guss, guss, gusts, qual Blukrows, gust, Glassy Ibises, avokets, stills I stry birds are to be seen gadvells are the nost weren

Ducks lots of Cuman and a for blue anytral & wallards rue. 3 Shildralers seen yesterday ting oping thousands of swam can come late fall and early offing to feel me wepto bulbs, the nutty, bulb-like tips of Potonglow out fred 6 5 10 inhs dup They ar deferious, like proh or by bogs where the awards other water finds seem to full on it now as much las her dway up & is floating or surpres of lake. It + red need. vec speems fill the lake water or feel many Inleys grow - great awas and the Coke water - The tinder wice a min. teles of cat-Most y the bay is now Cut on much y it staderd!

aug. 19 - Kappel. R. W. Limbert, of Bouse, I dato went down to Loke with Berson or They brought bade a dead malland + 2 teal, evalually killed by amall leaders which got into their nastrils & nasal parages + sinclud all the blood for them. The duckes were fort & all ortology matthy but there was or blood - their hacts or blood visuals that's a beeches soved. Aug. 20 Went down to Harry Lake and along south side wasly to point. Walled out a mile fre store & 2 of the 3 spots where a littly water stands, only a per acus and. orly a few inclus deeps. At is alkaling lesing, opposently a polarist solution of soult of sold on at the largest pool were about 20 california gulls one about ringbill and five gadwills. There were lots of Cooclase flees, pupa T cous. black with bretter of 2 signs, The love bed is white as with a exist of soll & roda Probably springs feed the Dust athles o nierrages we abudent.

Harney lake must love ben 2 to 30 fut deep when the thrown up. The stores are story I had hard, the latter is dried mud, the dues are and I med dust. Then suver was a non disolate Could find so track of buffalo tonis + ever the cattle lones I went years seen qually to disappear. ang. 21, Traffing, raing for pits, morning traffs or plus or photograph box at taking photos ang. 2 Z Sunday, Writing photographing, studying bothts Making Mus kind of Mig. 23 traps Ang. 24 happing of early for Began raing att death. Ang, 25 Rangel all right told of raining all noring. ang. 26 Clear of pleasant again

Sept. 11. Went up Blitzer River to Roch Ford for Beaux but found the so passe non were secured. Camped over night in DO pasture Sept. 12 - Brought lone load of sagibush wood by Sod-house Ranch. Very windy - Remired -Spt 14 - Lished for Buffals Thomas - Springer sping but found home. Sept. 15 - Come to Beens a thuck seross old day loke bed from Spingers huch due north, ford weld a vo

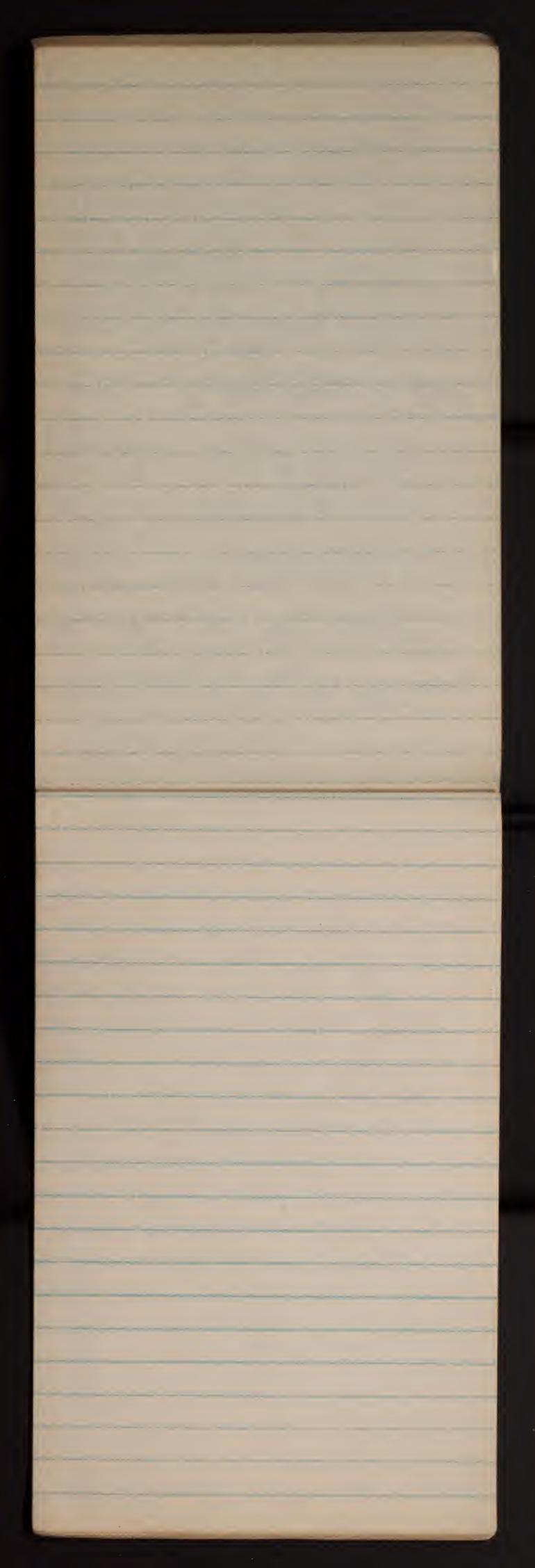
water in right, kept well east of Wrights Point and fold It! Wright at the point the west line to bud upage about by along this road or a little east of it, to well Malhers Lake at a wide borch of tuley warsh all around it Sept. 16 at Burns, getting. how of names for Indones. money for Cost: Four. Lesong burns at 8 ams arrior of Bend 5:30 PM. a fire wind blowing all of PM. To duty with Cantry very dry of parren of the 3 dry years.

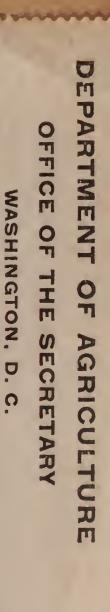
of lod a clear day down the Des Chuts Valley with the Disters Washington, Jufferson & Head. The Eredest river campon bas sherworks & law of leads into the Dels Chates Caryjan with about continuous love the Columbia River. It is good youtain sheep country all the way. The very high theraced wall across the will & leading down to a littly about Sheras Bindas, Then How ar tholly walls on one side of of the iver On both sichs of the Elupa at the worth of the Des Chutes Basellie clifts, two counds took to the high were Topes, ideal sheep country.
Even the barbes of the river - places are sheep halls of bassalt. This is the opot when Dovid Douglas - 1825 got the ham al saw the Irolin wany the oking this Ovis Coliforniana The sheep may love ben filled on the reny apot where he got the low or back a half will or I could reach fine shup clys with a 30-36. This is we or two neiles wit I the falls of the Carrolia. Lion now at low water an real fulls.

apparently ro or 20 post in drop. for each fall an direthy below the other Our trag rentroad bridge passes directly our the lower. Good shop diffs contribe down the iwa on both rides wasty a ship cand with locks sund acoust the falls of the ropeds below . I boots have been ming for Portland to Lewiston. They have row been taken of beause they do not pay expuses. Get vocalulary & nondonas fun Waseo Inlian at the Dalles, Waitin Stadis, of Gard Dolles, Washington, Sept. 19, The Dalles & Portland on River Strames, The Kellogg, a freightbook, maleing her last sem between The Salles of Portland having freight o fish of She does not pay expuses in to stop raining Range of blew by spills but we land a great view of the peaks Jallo. Rischol Pullary 6:30 PM. went to Beason Holy.

Sept. 20 Got baggage - west or reports Sens Mr. Rakes + Gobdiel ton situation Sept. 21 Went up to Casadalodos
with Gobrielson I got a
better dea of this end of the
etate healded talking over The robust work and examine his collection of warmals. Sift. 22 - Worked all day done fefor leaving. 2 pt. 23 . Left for Wetasts on the Coast to see fewell and finding who are down they Oct. 5 Left Portland Oct 4-12- Klanath Falls Det. 13 - 30 Loquitas Det. 31 - Fallage, Mivada Nov. 4 Loft Falou 6 PM nov. 5. Mina, Rev. 2:30 to 7 am.

Mina + Sodaville Same del convery as 30 years ago, no charge. Sue plants, some munels. 20 birds. Otriplex confertifolios Doba glaidulosa Elobedia nevaduris Mevadora no graso exept a little salt greess on the flats. Belliview Basselt - 20 were Louis Eggens Montgomeny-Mut Pine + Jupes (Sumit). Queen - based steep stope Buton in dry valley, 540s pt. Alabama Hills to west. Artisto hidestata Chrysathurs. Atrifbx, Severbolis, Lew - Lunch Overyor Suppor 6 F.M. Bark Love Ping 8 PM., dash Dut to miseum Nov.7. Sunday to San Mareas Nov. 8. To Som Diego 11 am. Nov. 9- Ry. timel blacked so many to where to fees argeles for arizona.





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